

PEOPLE on the **MOVE**

Human Resources reports the following personnel changes:

Additions to the Workforce

Eric Thomas joins the Human Resources Management Branch, Human Resources Office, as a Human Resources Representative.

David McKay and *Ashlie Wimberley* join the Space Operations Procurement Office, Office of Procurement, as Contract Specialists.

Rebecca Cutri-Kohart joins the Ascent/Descent Dynamics Branch, Flight Design and Dynamics Division, Mission Operations Directorate, as a Flight Controller.

Jason Gibson joins the Communications and Data Systems Branch, Systems Division, Mission Operations Directorate, as a Flight Controller.

Heather Paul joins the EVA and Spacesuit Systems Branch, Crew and Thermal Systems Division, Engineering Directorate, as an Aerospace Engineer.

Jason Dugas joins the Power Systems Branch, Energy Systems Division, Engineering Directorate, as an Electrical Engineer.

Jason Niebuhr joins the Mechanical Design and Analysis Branch, Structural Engineering Division, Engineering Directorate, as an Aerospace Engineer.

Cheryl Munson joins the Central Budget Office, Office of the Chief Financial Officer, as a Program Analyst.

Nelson Eng joins the GFE Branch, Flight Equipment Division, Safety, Reliability, and Quality Assurance Office, as a Computer Engineer.

Ken Chen joins the Technology Division, Safety, Reliability, and Quality Assurance Office, as a Computer Engineer.

Steve Huning joins the Launch Package Management Office, Mission Integration and Operations Office, International Space

Station Program, as a Launch Package Integration Manager.

Jason Noble joins the Engineering Office, White Sands Test Facility, as a Facilities Engineer.

Lori Crocker joins the EVA Project Office, as a Government-Furnished Equipment Hardware Lead.

Reassignments to Other Centers

Mark Glorioso moves to Stennis Space Center.

Reassignments to Other Directorates

Perry Piplani moves from the Center Operations Directorate to the Engineering Directorate.

Christopher Ramsay moves from the Mission Operations Directorate to the Safety, Reliability, and Quality Assurance Office.

James Dewberry moves from the Mission Operations Directorate to the International Space Station Program.

Jeff Theall moves from the Space and Life Sciences Directorate to the International Space Station Program.

Retirements

Betty Burg of the Office of Procurement.

Richard Juday of the Engineering Directorate.

John Murray of the Engineering Directorate.

Frank Weaver of the Engineering Directorate.

Chuck Gieck of the Center Operations Directorate.

Carolyn Welch of the Center Operations Directorate.

J. Denny Holt of the Space Shuttle Program.

Mary Lee Meider of the Safety, Reliability, and Quality Assurance Office.

Resignations

Rosemarie Marquez of the Safety, Reliability, and Quality Assurance Office.

James Dean of the International Space Station Program.

DATES & DATA

August 1

Spaceland Toastmasters meet: The Spaceland Toastmasters meets on Wednesday Mornings at 7 a.m. at the House of Prayer Lutheran Church 1515 Bay Area Blvd at Reseda. Other meetings will be held August 8, 15, 22 and 29. For more information, contact Ava Sloan at 713-768-6336 or asloan@hal-pc.org

Spaceteam Toastmasters meet: The Spaceteam Toastmasters meet at 11:30 a.m. at United Space Alliance, 600 Gemini. Other meetings will be held August 8, 15, 22 and 29. For details contact Patricia Blackwell at 281-280-6863.

August 2

Warning System Test: The site-wide Employee Warning System performs its monthly audio test at noon. For details contact Bob Gaffney at x34249.

Chess Club meets: The Space City Chess Club meets each Friday evening from 5:30 p.m. until 9 p.m. at the Clear Lake United Methodist Church, 16335 El Camino Real, room 423. All skill levels are welcome. For more information, please call James Mulberry at x39287 or James Termini at x32639.

Have an interesting and unique JSC story idea?

Contact Editor Melissa Davis at X39978.

August 6

CLA-NSS meets: The Clear Lake area chapter of the National Space Society meets at 6:30 p.m. at the Parker Williams Branch of the Harris County Library at 10851 Scarsdale Blvd. For details contact Murray Clark at 281-367-2227.

NSBE meets: The National Society of Black Engineers meets at 6:30 p.m. at Texas Southern University, School of Technology, first floor. For more information contact Kimberly Topps at 281-280-2917.

August 7

Quality Society meets: The Bay Area Section of the American Society for Quality meets at 6 p.m. at the Franco's Restaurant. For more information contact Ann Dorris at x38620.

August 8

MAES meets: The Society of Mexican-American Engineers and Scientists meets at 11:30 a.m. in Bldg. 16, Rm. 111. For details contact Margaret C. Delgado at 713-643-6097 or mcdelgad@aol.com.

Correction

Due to an incorrect announcement submitted to the *Roundup*, Kim Grayson's name was misspelled in the June 26 issue. She is the Equal Opportunity Counselor for the Dynamic Systems Test.

NASA BRIEFS

GREATER SOLAR ACTIVITY MAY BRING U.S. MORE GRAY DAYS

NASA-funded Earth Science researchers have discovered that during periods of increased solar activity much of the United States becomes cloudier, possibly because the jet stream in the troposphere moves northward causing changes to regional climate patterns.

Previous studies have shown that during the solar maximum, the jet stream in the Northern Hemisphere moves northward. The jet stream is a ribbon of fast-moving air in the upper troposphere that blows from west to east. Storms beneath the jet stream follow its path. A shift in the jet stream can alter the location of clouds and precipitation across the U.S.

The new study supports earlier findings by suggesting there is a relationship between increased cloud cover over the United States and the solar maximum, the most intense stage of activity on the Sun.

Though more investigation is needed to better understand just how changes in the Sun's ultraviolet energy output is linked to atmospheric winds, the study helps people identify potential large-scale mechanisms that affect local and regional climates.

Scientists continue to investigate mechanisms that may link solar variability with weather. These new results support the idea of a link between stratospheric chemistry and meteorology, and support other recent theoretical studies associated with the impact of stratospheric chemistry on climate change and weather.

GENESIS SET TO CATCH A PIECE OF THE SUN

NASA'S next robotic space explorer is ready to do a little sunbathing on a mission to catch a wisp of raw material from the luminous celestial body around which the Earth and other planets revolve.

Genesis, set for launch July 30 from Florida's Cape Canaveral Air Force Station, is designed to collect tiny pieces of the Sun and return them to Earth. The mission is expected to capture about 10 to 20 micrograms of the solar wind, made up of invisible charged particles expelled by the Sun.

The particles, about the weight of a few grains of salt, will be returned to Earth with a spectacular mid-air helicopter capture. Scientists will preserve this treasured smidgen of the Sun in a special laboratory for study. The researchers hope to answer fundamental questions about the exact composition of our star and the birth of our solar system.

In September 2004, the solar samples will be returned in a dramatic helicopter capture. The samples will be taken to NASA's Johnson Space Center in Houston, where the collected materials will be stored and distributed for analysis.